

REMARKS

Claims 1-15 are all the claims pending in the application.

Claim Rejections - 35 U.S.C. § 112

Claims 4 and 7 are rejected under 35 U.S.C. § 112, second paragraph, as allegedly being indefinite for failing to point out and distinctly claim the subject matter which applicant regards as the invention. Applicant submits that the Examiner's rejections of claims 4 and 7 under 35 U.S.C. § 112, second paragraph, are obviated.

Applicant believes that the Examiner's rejections of claims 5 and 8 under 35 U.S.C. § 112, second paragraph are obviated.

Claim Rejections - 35 U.S.C. § 103

Claims 1-15 are rejected under 35 U.S.C. § 103(a) as being unpatentable over Beach et al. (International Pub. No. WO 01/47238; US Patent App. No. 2003/0014753), hereinafter Beach, in view of Ranger (US 5,999,940).

Claim 1 is directed to a method of providing an electronic program magazine through a medium able to receive television signals and access the Internet. The method includes checking electronic program guides and search engine tables contained in broadcast signals received from at least one broadcasting company and composing a total electronic program guide and search engine table. The method also includes setting a keyword by selecting a name of a program as the keyword, and executing a default search engine while displaying search results obtained by the default search engine using the keyword. Here, the displayed search results are a plurality of hyperlinked web pages.

The Beach reference is directed to an interactive network-based personal video recording system having a user interface that allows viewers to search a database of program guide

information according to program title, indexed program attributes, and key words. *See Beach, Abstract.*

In the Office Action the Examiner asserts that Beach substantially discloses all the limitations of claim 1. In particular, the Examiner asserts that Beach teaches the claimed feature of checking electronic program guides and search engine tables contained in broadcast signals received from at least one broadcasting company. The rejection is based on paragraph [0018] of Beach. This portion of Beach describes the relationship between the viewer interface, a remote control for inputting user data, and a server for downloading programming information. Specifically, the Examiner asserts that this portion of Beach discloses that a unit is in contact with a server during which time current program information is downloaded to the unit. *See Office Action, page 3.*

However, Beach neither teaches nor suggests checking electronic program guides and search engine tables contained in broadcast signals received from at least one broadcasting company. Rather, Beach discloses that a client device is in periodic contact with the server, during which time program information is downloaded into a database. Beach neither teaches nor suggests checking electronic program guides and search engine tables contained in broadcast signals, as Beach discloses nothing about receiving broadcast data signals or search engine tables in the broadcast signals. Rather, Beach discloses that the client initiates communication with the server on a daily basis to download program guide data, with no teaching or suggestion of broadcast data signals having search engine tables. *See Beach, paragraph [0027]. Therefore, Beach neither teaches nor suggests checking electronic program guides and search engine tables contained in broadcast signals received from at least one broadcasting company.*

Further, the Examiner asserts that Beach teaches the claimed feature of composing a total electronic program guide and search engine table. The rejection is based on paragraphs [0036] to [0042] of Beach. These portions of Beach describe index headings used to index objects in the database of the client unit. Specifically, the Examiner asserts that the information received in the broadcast signals has to be indexed for easier searching.

However, the cited portions of Beach neither teach nor suggest composing a total electronic program guide and search engine table. Rather, these portions of Beach disclose that the program information database is indexed under a number of headings. At best, the cited portions of Beach refer to indexing a program information database, however Beach neither teaches nor suggests composing a search engine table, as the cited portions of Beach disclose nothing about a search engine table. Therefore, Beach neither teaches nor suggests composing a total electronic program guide and a search engine table.

The Ranger reference similarly fails to disclose the limitations in claim 1 discussed above. Accordingly, the combination of Beach and Ranger does not disclose all the limitations in claim 1, and hence the combination of Beach and Ranger does not render claim 1 unpatentable.

Claims 2-15 depend on claim 1 and incorporate by reference all the limitations of claim 1, and hence the combination of Beach and Ranger does not render claims 2-15 unpatentable at least by virtue of their dependency.

Further, in regards to claim 2, the Examiner asserts that figure 2 and paragraph [0019] of Beach disclose that each of the search engine tables is a list of a plurality of search engines which each of the broadcasting companies selects among existing search engines. Specifically,

the Examiner asserts that Beach discloses having various search options available. *See Office Action*, page 4.

Beach neither teaches nor suggests that each of the search engine tables is a list of a plurality of search engines which each of the broadcasting companies selects among existing search engines. Rather, Beach merely discloses that the information database can be searched according to an index option. Beach neither teaches nor suggests each of the search engine tables is a list of a plurality of search engines which each of the broadcasting companies selects among existing search engines, as Beach discloses nothing about a list of a plurality of search engines or about search engines that are selected among existing search engines by broadcasting companies.

Further, in regards to claim 3, the Examiner asserts that figures 5 and 6 of Beach disclose the search engines included in the search engine table are input from a user and registered to a search engine list. Specifically, the Examiner asserts that Beach discloses that the user can input the search engine that they want to [use]. *See Office Action*, page 4.

Claim 3 depends on claim 2 and incorporates by reference all the limitations of claim 2. Beach neither teaches nor suggests search engines included in the search engine table are input from a user and registered to a search engine list. Rather, Beach merely discloses that the information database stored on the client is indexed and searched by the index to improve efficiency. *See Beach*, paragraph [0027]. Beach neither teaches nor suggests search engines included in the search engine table are input from a user and registered to a search engine list, as Beach discloses nothing about a plurality of search engines. Rather, it merely discloses a single database that can be searched using a single binary algorithm, i.e. a single engine, with no teaching or suggestion of multiple search engines. *See Beach*, paragraph [0049].

Further, in regards to claim 6, the Examiner asserts that figure 4 of Beach discloses the medium enables a user to access the hyperlinked web pages according to the user's selection. Specifically, the Examiner asserts that Beach discloses that after a search is done you can narrow the search by specifying a new search. *See* Office Action, page 5. Similarly, in regards to claim 7, the Examiner asserts that figure 6 of Beach discloses the medium displaying all of the search engines shown in the search engine tables in addition to a web page of the search results. Specifically, the Examiner asserts that Beach discloses that both the search results and the search engines would be displayed together. *See* Office Action, page 5.

However, Beach neither teaches nor suggests the medium enables a user to access the hyperlinked web pages according to the user's selection and that the medium displays all of the search engines shown in the search engine tables in addition to a web page of the search results . Rather, Beach discloses that program content is displayed upon completion of a search. *See* Beach, paragraph [0024]. Beach neither teaches nor suggests accessing or displaying hyperlinked web pages, as Beach discloses nothing about accessing web pages. Rather, it merely displays information stored in the local client database, with no teaching or suggestion of accessing and displaying hyperlinked web pages.

Further, in regards to claim 13, the Examiner asserts that Beach discloses separating electronic program guides and search engine tables from the received broadcast signals. The rejection is based on paragraph [0027] of Beach. This portion of Beach describes the interaction between a server and a client downloading requested information from the server. Specifically, the Examiner asserts that the program information data is downloaded from the broadcast signals and imported into a database where it will be classified. *See* Office Action, page 7.

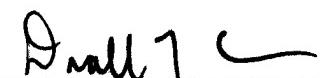
However, Beach neither teaches nor suggests separating electronic program guides and search engine tables from the received broadcast signals. Rather, it merely discloses that program information is indexed after being downloaded from a server to a local database.

At least based on the foregoing, Applicant submits that the combination of Beach and Ranger does not satisfy all the limitations of claims 1-15, and hence the combination of Beach and Ranger does not render claims 1-15 unpatentable.

In view of the above, reconsideration and allowance of this application are now believed to be in order, and such actions are hereby solicited. If any points remain in issue which the Examiner feels may be best resolved through a personal or telephone interview, the Examiner is kindly requested to contact the undersigned at the telephone number listed below.

The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account.

Respectfully submitted,



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